

Claims

1. (Currently Amended) A stand alone integrated mattress comprising:
a self-contained mattress unit having at least a head section and a foot section, and capable of converting from a horizontal position or an inclined position to a chair-like conformation;
at least one inflatable bladder in each section of the self-contained mattress unit;
at least one fluid source;
a control system positioned in either the head section or the foot section and transmits an electrical signal through transmission lines to a first dispersion unit and a second dispersion unit,
the first at least one dispersion unit is in the section without the control system, the first dispersion unit receives fluid from the fluid source when the control system transmits a signal to the first dispersion unit to obtain fluid, and the first dispersion unit directs fluid to predetermined fluid conduits that direct the fluid into predetermined inflatable bladders positioned in the section of the first dispersion unit;
the second dispersion unit is in the section with the control system; the second dispersion unit receives fluid from the fluid source when the control system transmits a signal to the second dispersion unit to obtain fluid, and the second dispersion unit directs fluid to predetermined fluid conduits that direct the fluid into predetermined inflatable bladders positioned in the section of the second dispersion unit ~~each section and each dispersion unit provides a fluid, obtained from the fluid source, to a conduit which directs the fluid into the inflatable bladder positioned in the section of the dispersion unit;~~
a control system positioned in one of the sections and interconnected to each dispersion unit to control the dispersion of the fluid to the inflatable bladders in each section.
2. (Original) The stand alone integrated mattress of claim 1 wherein the at least one fluid source is ambient air.
3. (Original) The stand alone integrated mattress of claim 1 wherein the at least one fluid source is selected from the group consisting of a reservoir, ambient air and combinations thereof.
4. (Original) The stand alone integrated mattress of claim 1 wherein the fluid is selected from the group consisting of air and an aqueous solution.
5. (Original) The stand alone integrated mattress of claim 1 wherein the inflatable bladders are capable of vibrating, rotating, creating wave motions, providing not direct percussion, providing support, and combinations thereof to a user of the mattress.
6. (Original) The stand alone integrated mattress of claim 1 wherein the control system has an input unit that allows an operator to input data to control at least the inflation and/or deflation of the inflatable bladders.

7. (Original) The stand alone integrated mattress of claim 6 wherein the input unit is interconnected to the control unit as an integrated component thereof.
8. (Original) The stand alone integrated mattress of claim 6 wherein the input unit is interconnected to the control unit by a tethered electrical connection.
9. (Original) The stand alone integrated mattress of claim 6 wherein the input unit is interconnected to the control unit through an electrically connected hinge.
10. (Original) The stand alone integrated mattress of claim 6 wherein the input unit has a SIMM daughter board that interconnects to the control unit.
11. (Previously Presented) The stand alone integrated mattress of claim 6 wherein the input unit transmits a remote wireless signal to a receiver on the control unit.
12. (Currently Amended) A stand alone integrated mattress comprising:
 - a self-contained mattress unit having at least a head section and a foot section and is capable of converting from a horizontal position or an inclined position to a chair-like conformation;
 - at least one inflatable bladder in each section of the self-contained mattress unit;
 - at least one fluid source;
 - a control system positioned in either the head section or the foot section and transmits an electrical signal through transmission lines to a first dispersion unit and a second dispersion unit,
 - the first at least one dispersion unit is in the section without the control system, the first dispersion unit receives fluid from the fluid source when the control system transmits a signal to the first dispersion unit to obtain fluid, and the first dispersion unit directs fluid to predetermined fluid conduits that direct the fluid into predetermined inflatable bladders positioned in the section of the first dispersion unit;
 - the second dispersion unit is in the section with the control system; the second dispersion unit receives fluid from the fluid source when the control system transmits a signal to the second dispersion unit to obtain fluid, and the second dispersion unit directs fluid to predetermined fluid conduits that direct the fluid into predetermined inflatable bladders positioned in the section of the second dispersion unit ~~each section of the mattress and the dispersion unit provides a fluid, obtained from the fluid source, to a conduit which directs the fluid into the inflatable bladder positioned in the section of the dispersion unit;~~
 - ~~a control system positioned in one of the sections and interconnected to each dispersion unit to control the dispersion of the fluid to the inflatable bladders~~
 - ~~wherein the control system is positioned in one of the sections and has an input unit that allows an operator to input data to control at least the inflation and/or deflation of the inflatable bladders~~
 - wherein the input unit is selected from the group consisting of the input unit (1) is interconnected to the control unit by a tethered electrical connection, (2) transmits a remote signal to a receiver on the control unit, (3) has a SIMM daughter board that interconnects to the control unit, or (4) is interconnected to the control unit through an electrically connected hinge.

13. (Currently Amended) The mattress of claim 12 wherein ~~the mattress unit is a self-contained capable of converting from a horizontal position or an inclined position to a chair-like conformation;~~

~~wherein each section has at least one dispersion unit and each dispersion unit provides the fluid, obtained from the fluid source, to the conduit which directs the fluid into the inflatable bladder positioned in the section of the dispersion unit;~~

the control system is positioned in one of the sections and interconnected to each dispersion unit to control the dispersion of the fluid to the inflatable bladders in each section.

14. (Currently Amended) The mattress of claim ~~13~~ 12 wherein at least one fluid source is ambient air.

15. (Currently Amended) The mattress of claim ~~13~~ 12 wherein the at least one fluid source is selected from the group consisting of a reservoir, ambient air and combinations thereof.

16. (Currently Amended) The mattress of claim ~~13~~ 12 wherein the fluid is selected from the group consisting of air and an aqueous solution.

17. (Currently Amended) The mattress of claim ~~13~~ 12 wherein the inflatable bladders are capable of vibrating, rotating, creating wave motions, providing percussion, providing support, and combinations thereof to a user of the mattress.